USER MANUAL

HD Satellite Receiver

l Grand
l Grand Triple

Dr.HD

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DiSEqC is a trademark of EUTELSAT

1. Introduction

1.1 Overview

This satellite receiver is designed for the reception of free-to-air and encrypted channels. Depending on your location, enjoy the rich choice of up to 10,000 different channels broadcasting a large range of programs: culture, sports, cinema, news, events, etc.
This receiver is assembled with highly qualified electronic parts.

1.2 Main Features

- Digital Video Recorder with Twin Tuner
- HDD Ready
- Time Shift, Record & Playback (Max. 3 channels recording simultaneously)
- Media Playback via external storage devices (HDD, SD Card Reader, usb)
- 3 X USB 2.0 Host for Media file playback, JPEG Viewing & Firmware Update
- Ethernet Port for Internet Connectivity, File transfer and Ice TV functionality
- DVB-S/S2,DVB-T2(Option)
- 1080p / 1080i / 720p / 576p / 576i Video Resolution
- HDMI Output
- Component Video (Y, Pb, Pr) Outputs
- Auto & Manual Channel Search
- Dolby Digital Optical Output
- Channel Sorting by Alphabet
- 16 Favorite Channel Groups
- Selection of 12 languages
- Picture in Picture Feature
- SD Card Reader
- AV in Ready
- 16:9 Full Screen, 4:3 Letterbox & 4:3 Full Screen
- Electronic Program Guide
- Subtitle, TTX
- Auto Voltage (AC 100 - 250V) SMPS
- Support MEPS(Minimum efficiency performance standard)
- Compatible with Icetv Electronic Program Guide
- DOLBY DIGITAL PLUS Manufactured under license from Dolby Laboratories.
  "Dolby" and the double-D Symbol are trademarks of Dolby Laboratories.

2. Safety Precautions

2.1 Safety

I Be sure to read this user's manual before starting the operation of the unit.

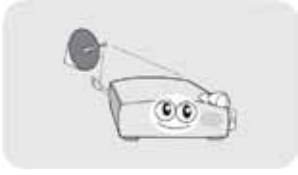
I Do not touch the power cord with wet hands as it may cause electric shock.

I Never open the cover. It is very dangerous to touch the inside of the unit due to possible electric shock.

I Place the unit in a well ventilated and no-heat environment.

I When you do not use this unit for a long time, make sure that power cord is pulled out from the outlet. Also do not use a damaged power cord as it may cause fire or electric shock.

I A professional installation is required. If reception is interrupted, contact your local service centre.



2. Safety Precautions

2.2 Precautions

When installing the unit

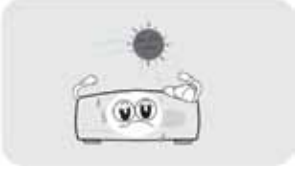
- Install the unit horizontally. An uneven installation may cause the unit to be damaged.

- Do not put heavy items such as a TV set on the unit. That may damage the unit.

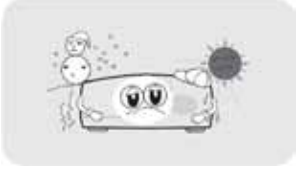
- Do not leave the unit where the water drops or splashes.

- Do not put water holding items such as vases on the unit.

- Do not install the unit:
  - Where it is subject to vibrations
  - Where it is exposed to direct sunlight
  - Where there is humidity
  - Where the temperature is too high or too low
  - Where there is no ventilation



- Moving the unit to a hot area from a cold one will cause condensation. Do not operate the unit for one or two hours or until it has dried completely.



* The mains plug is used as the disconnect device.
* The disconnect device shall remain readily operable.

3. Points to Check before Use

3.1 Accessories

The accessories below are included with this receiver:

User's manual

Remote control

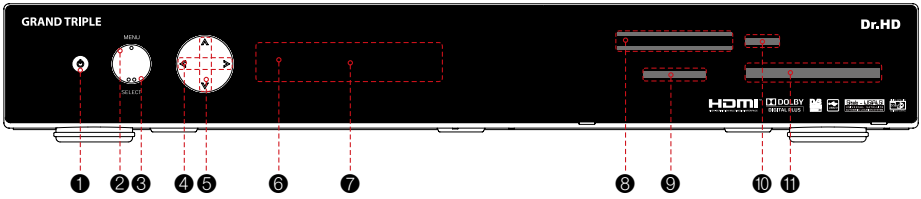
Batteries(AAA type) 2EA

HDMI Cable

* If any of the above-listedaccessories is missing, contact your sales representative.

4. Controls/Functions

4.1 Front Panel



❶ **Power:** Switches the receiver between 'Standby' and 'Power ON' modes.

❷ **Menu:** To enter or exit the main menu.

❸ **Select:** To show the Channel List in non mode and select on item or confirm in menu mode.

❹ **Vol. (◀/▶):** To switch channels or change the cursor position on the application screen.

❺ **CH. (▲/▼):** To switch channels or change the cursor position on the application screen.

❻ **Front Display**: To display of receiver's activity or status

❼ **Passive Standby/Power on Indications Lamp:** Flashes red light in 'Standby' mode and shows no light in 'Power ON' mode.

❽ **Smart Card Reader:** Insert smart card for encrypted channel access.

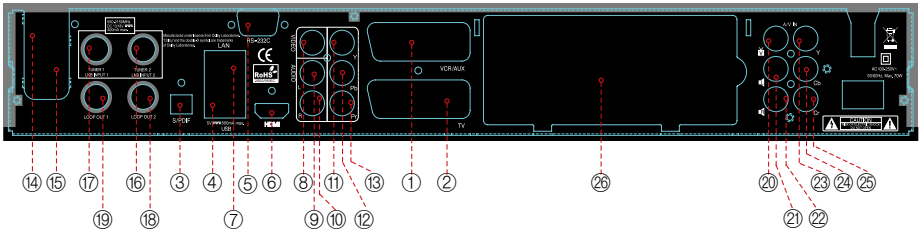
❾ **SD Card Reader:** To connect SD Card.

❿ **USB:** To connect USB devices such as Memory stick or external Hard Disk Drive.

⓫ **Common Interface Slot:** For CI module (PCMCIA module) with smart card to watch pay TV channels

4. Controls/Functions

4.2 Rear Panel



NO	Name	Connector	Function
①	VCR/AUX SCART	SCART	CVBS Video Output CVBS / RGB Video Input Audio Output
②	TV SCART	SCART	CVBS / RGB Video Output, Audio Output
③	S/PDIF	Fiber Optic	Digital audio output (Optical)
④	USB	USB A-type	USB 2.0
⑤	RS-232C	DB-9	Low speed serial port
⑥	HDMI	HDMI	Digital Video/Audio Output
⑦	LAN	RJ-45	10/100Mbps Ethernet
⑧	VIDEO	RCA cinch	Composite video output
⑨	AUDIO L	RCA cinch	Left audio output
⑩	AUDIO R	RCA cinch	Right audio output
⑪	Y	RCA cinch	Component video output(Y)
⑫	Pb	RCA cinch	Component video output(Pb)
⑬	Pr	RCA cinch	Component video output(Pr)
⑭	DVB-T IN (when terrestrial tuner kit inserted)	IEC-169-2 FEMALE	Cable signal input to digital tuner
⑮	LOOP OUT IEC (when terrestrial tuner kit inserted)	169-2 MALE	Loop-through output from digital tuner
⑯	LNB INPUT2	IEC 169-24 FEMALE	IF input from LNB to digital tuner2
⑰	LNB INPUT1	IEC 169-24 FEMALE	IF input from LNB to digital tuner1
⑱	LNB OUTPUT2	IEC 169-24 FEMALE	IF loop-through output from digital tuner2
⑲	LNB OUTPUT1	IEC 169-24 FEMALE	IF loop-through output from digital tuner1
⑳	VIDEO (when AV kit inserted)	RCA cinch	Composite video input
㉑	AUDIO (when AV kit inserted)	RCA cinch	Left audio input
㉒	AUDIO (when AV kit inserted)	RCA cinch	Right audio input
㉓	Y (when AV kit inserted)	RCA cinch	Component video input (Y)
㉔	Cb (when AV kit inserted)	RCA cinch	Component video input (Cb)
㉕	Cr (when AV kit inserted)	RCA cinch	Component video input (Cr)
㉖	HDD (when HDD inserted)	2.5" & 3.5" S-ATA	HDD connectable (Max. 1TB)

4. Controls/Functions

4.3 Remote Controller

❶ **POWER:** To turn the receiver On/Off

❷ **TV/RADIO:** To switch between TV and Radio

❸ **MUTE:** To turn the sound On/Off

❹ **SUBTITLE:** To turn closed captions on or off

❺ **AUDIO:** To show the Multi-language audio track, the stereo-mono mode and subtitle information

❻ **MOSAIC:** To display multiple pictures

❼ **SLEEP:** To set the STB off after minutes

❽ **FREEZE:** To pause the video.
Press again to resume the video

❾ **ZOOM:** To zoom In/Out

❿ **GUIDE:** To show the TV/Radio program guide

⓫ **INFO:** To show information about the current program. Press twice to show detail

⓬ **RECALL:** To move to the previous channel
Used for special functions in menu mode

⓭ **GROUP:** To change the channel groups (Satellites or favorite groups)

⓮ **MENU:** To enter or exit the main menu

⓯ **EXIT:** To exit from the present menu and move to the previous menu

⓰ **Up & Down:** To switch channels in non-menu mode and move the cursor up/down in menu mode

⓱ **OK:** To show the Channel List in nonmenu mode and select an item or confirm in menu mode

⓲ **Text:** To show the teletext contents if teletext is transmitted

4. Controls/Functions

4.3 Remote Controller

❶ **Vol Up & Down:** To change the volume level in non-menu mode

❷ **FILELIST:** To display the filelist

❸ **STOP:** Stop Playback

❹ **PAUSE:** Pause playback

❺ **REW:** Playback in rewind mode

❻ **PLAY:** Play Content

"& Hotkey to DiVX Player List"

❼ **FWD:** Playback in forward mode

❽ **ADVANCE:** Go to live channel

❾ **REC:** Start recording

❿ **SLOW:** Playback in slow mode

⓫ **Color Key:** Select the option such as View List, Select Disk, Rename.

"(Long press '1') Hotkey to PIP",

"(Long press '2') Hotkey to PIP Swap",

"(Long press '3') Hotkey to PIP List",

"(Long press '0') Hotkey to Spectrum analyzer",

⓬ **Numeric Keys (0-9):** To enter numerical settings (such as channel numbers) directly.

"(Short press Blue key) Hotkey to Plugin list"

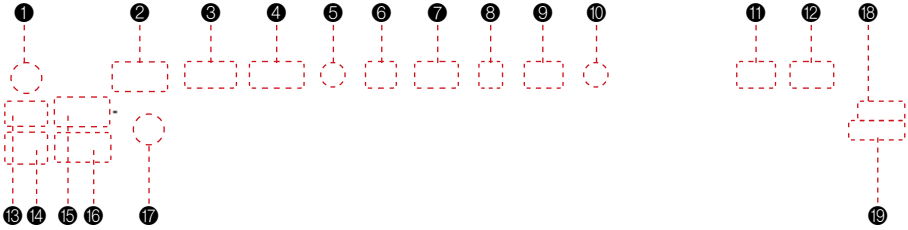
"(Long press Blue key) Hotkey to VK Video"

⓭ **V.FORMAT:** To switch the resolution of video output

⓮ **WIDE:** To select a TV aspect ratio Pan Scan or Letter-Box(4:3) (Full screen or pillar box(16:9)

4. Controls/Functions

4.4 Front Display



NO	Function
❶	Indicates Power (on/off) mode
❷	Lights when the current channel is recording
❸	Lights when Time shift is enabled
❹	Lights when Time shift is enabled
❺	Lights when the Timer is set
❻	Lights when a High Definition signal received
❼	Lights when a USB device is connected
❽	Indicates the current channel is set in Lock mode
❾	Lights when the current channel is Dolby audio format
❿	Lights when the current sound is set to off
⓫	Lights when MP3 player is enabled
⓬	Lights when an MP3 player is set in loop mode
⓭	Lights when the current Channel is in Radio mode
⓮	Lights when the current Channel is in TV mode
⓯	Lights when the signal is being received via the antenna
⓰	Indicates the current playback mode in the file list
⓱	Lights when a recorded file is being played
⓲	Indicates the resolution of video output
⓳	Indicates Progressive or Interlaced scanning mode

5. How to Connect

When Connecting the Receiver to a TV

1. Connect the antenna lead coming from the wall plate to the input marked “Tuner 1”

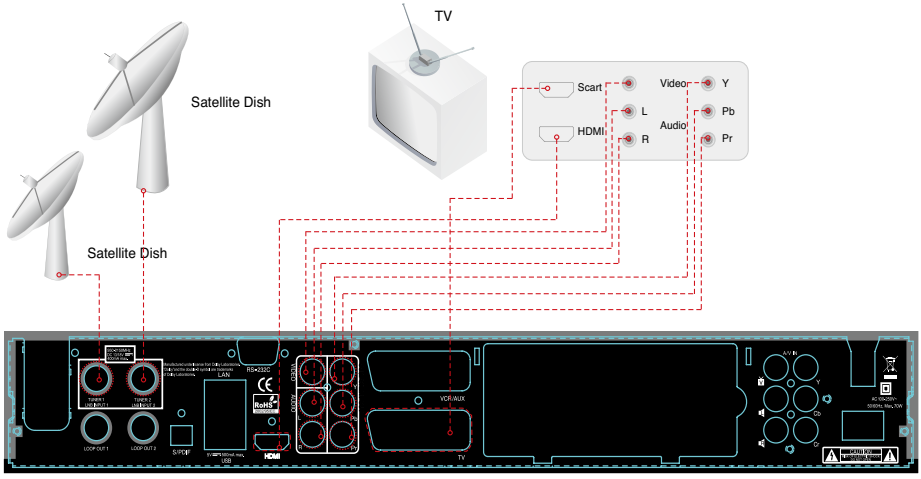
2. Connect the Loop Cable provided to the input marked Tuner 1 RF then to the Tuner 2 input as shown in the diagram below.

3. There are a number of methods to connect your receiver to your television

A. Using the Composite cable provided (red, white and yellow leads) For video, connect the yellow lead to the yellow socket on back of the receiver and to the corresponding Video Input socket on the back of the TV. For Right Audio, connect the red lead to the red socket on the back of the receiver and to the corresponding Right Audio Input socket on the back of the TV. For Left Audio, connect the white lead to the white socket on the back of the receiver and to the corresponding Left Audio Input socket on the back of the TV.

B. Using the Component cable (Sold separately) (green, blue and red leads) paying attention to the color coding, connect the three color coded leads to the matching sockets in the back of the receiver and Video In sockets of the TV. You will also need a connection for Right and Left audio via the audio socket. This may be achieved using the Composite cable supplied and connecting the red and white leads as described in Step A above.

C. If your TV has a HDMI input, you can use a HDMI cable (sold separately) from the back of the receiver to the TV. A HDMI cable supplies both video and audio signals through a single cable so no other leads are required. Please ensure your TV is set to the HDMI input mode to detect the receiver.



6. Operation

6.1 Getting Started

After your receiver is powered on, proceed with installation as follows :

❶ Menu Language Setting

1. Turn on your TV and receiver.
2. The pop-up menu for language selection will apprear. <Figure 6.1.1>
Select one language and press **OK** button to proceed.

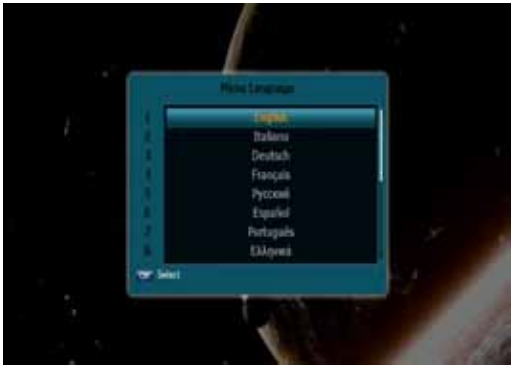


Figure 6.1.1

6. Operation

6.1 Getting Started

❷ Tuner Connection

1 Press the MENU button on the remote to display the main menu.

2 Select Dish Connection, the Dish Connection menu will appear.

3 Select Dish Connection allow to your satellite antenna configuration.

(Twin/Separation/Loopthrough)

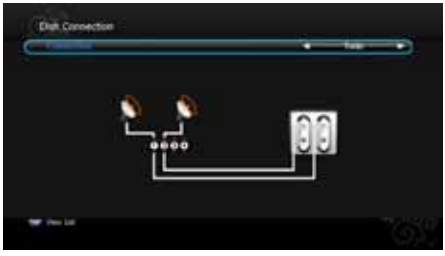


Figure 6.1.2

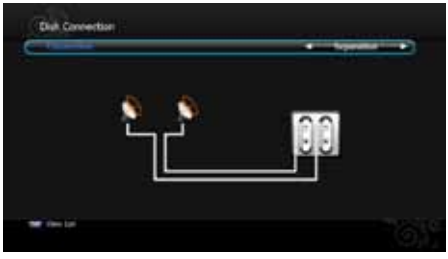


Figure 6.1.3

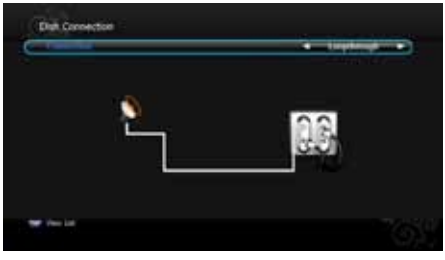


Figure 6.1.4

6. Operation

6.1 Getting Started

❸ Antenna Setup

1. Press the **MENU** button to display the main menu.
2. Use CH+ CH- button and V- V+ button to move in the menu.
3. Press **OK** button on “Dish Setting”. The following window will appear. <Figure 6.1.5>

If you have a motorized dish, press **OK** button on “DiSEqC Motor”. <Figure 6.1.6>

∗**Note:** Enter a 4-Digit password if need arise. the default password is '0000'.

Figure 6.1.5

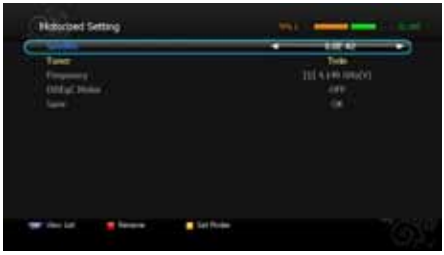


Figure 6.1.6

4. Select the item that you want to edit and set its parameters as desired. <Dish Setting>
   - **LNB Power:** Select among ON/OFF/13V/18V.
   - **LNB Type:** Select among Single/Universal/OCS.
   - **LNB Freq:** Set the frequency of the LNB oscillator.
   - **22KHz:** When not AUTO, set the signal path from LNB or switch by selecting a control signal among 0/22KHz.
   - **DiSEqC 1.0:** Select DiSEqC 1.0 Port
   - **DiSEqC 1.1:** Select DiSEqC 1.1 Port

6. Operation

6.1 Getting Started

5. Select the item that you want to edit and set its parameters as desired. <Motorized Setting>

- **Frequency:** If the default TP frequency is not appropriate, you can select another TP frequency at which to check for signal.
- **DiSEqC Motor:** Select DiSEqC protocol among OFF/1.2/USALS as appropriate for your Motor. (When the DiSEqC Motor parameter is set as 1.2 <Figure 6.1.7>)

- **Satellite:** Select any satellite by pressing V- V+ buttons.
- **Frequency:** Displays the current TP value of the selected satellite.
- **Move:** Move the dish position to west/east by pressing V- V+ buttons.
- **Move Fine:** Move the dish position 1 step at a time to west/east by pressing V- V+ buttons.
- **Motor Control:** Control motor by press **OK** button on the remote. <Figure 6.1.8>
  - **Recalcuate:** Recalculate the position of all other saved satellites relative to the known position.
  - **Reset System:** Reset the position of all saved satellites.
  - **Goto Reference:** Move the dish to the 0 position.
  - **Disable Limit:** Disable east and west limit.
  - **Enable Limit:** Enable the saved east and west limit.
  - **Set East Limit:** Edit & Save east limit by pressing V- V+ or **OK** buttons.
  - **Set West Limit:** Edit & Save limit by pressing V- V+ or **OK** buttons.
- **Go To:** Go to the position of the saved satellite.
- **Save:** Save the current setting of DiSEqC 1.2 system.

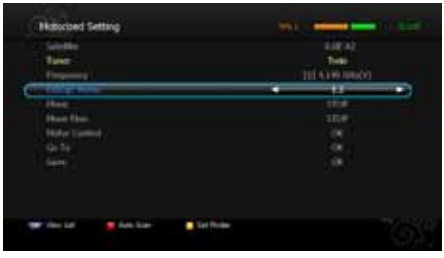


Figure 6.1.7

Figure 6.1.8

6. Operation

6.1 Getting Started

(When the DiSEqC Motor parameter is set as USALS <Figure 6.1.9>)

- **Sat Degree:** Satellite location.
- **Antenna Position:** Press **OK**.
- **Goto Reference:** Move the dish to the reference 0 position.
- **Antenna Longitude:** Your longitude at present.
- **Antenna Latitude:** Your latitude at present.

∗**Note**: You need to know what LNB you are using to correctly set the L.O. (local oscillator) frequency.

∗**Note**: You need to understand how your receiver is connected to properly set the 22KHz and DiSEqC.

Figure 6.1.9

Figure 6.1.10

6. When you are done, press the **EXIT** button.

6. Operation

6.1 Getting Started

❹ Satellite Scan

Through this function, the receiver searches for all the available channels and saves them in memory.

▣ Auto Scan <Figure 6.1.11-a>

1. Select the satellites you want to search by pressing the **OK** button on satellite menu in Satelliete scan. You can see the list of satellites, pressing the ▲ / ▼ button and select one using **OK** button on the remote.
2. Select the type of scan. select AutoSan. <6.1.11-b>
3. press the **Red** button, then you can see the popup menu "Search Type" <6.1.12>
4. Search type
   - Select the type of channel search you want by presssing ▲/▼ buttons on the remote.
     - All: To search all the Free To Air and scrambled channels, TV & Radio channels.
     - Free: To search Free To Air channels only.
     - TV: To search TV channels only.
   - **Network Search:** Select Network Search ON/OFF to find more transponders through NIT Search.
   - **Scan:** Begin channel search of the selected satellite.
5. Press under 'SCAN' to scan the selected satellites.

Figure 6.1.11-a

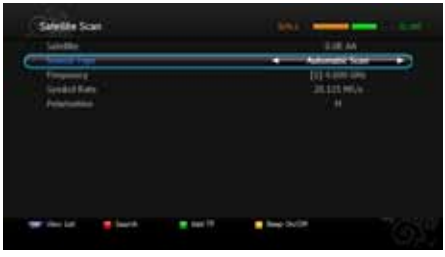


Figure 6.1.11-b

Figure 6.1.12

Figure 6.1.12

6. Operation

6.1 Getting Started

▣ Blind Scan <Figure 6.1.13>

1. Select the satellites you want to search by pressing the button on the remote.
2. Select Blind Scan using ◀ / ▶ on search type menu
3. press the **Red** button, ▲ / ▼, ◀ / ▶then you can see the options menu
4. you can set using to set the "V/H" and "Scan Mode" options.
   - **TP**: Select TP Frequency
   - **V/H(Polarization)**: Select among All / Vertical / Horizontal
   - **Mode**: Select among All / Free / TV
   - **SCAN**: Begin channel search of the selected satellites.

Figure 6.1.13

▣ Manual Scan <Figure 6.1.14>

1. Select a transponder.
2. To change a transponder's information (Frequency, Symbol Rate), use the **NUMERIC** buttons.
3. To add a new transponder, press the **GREEN** button.
4. To delete a transponder, press the **YELLOW** button with the cursor next to the Frequency parameter.
5. To search a transponder, set its different parameters and **OK** press.

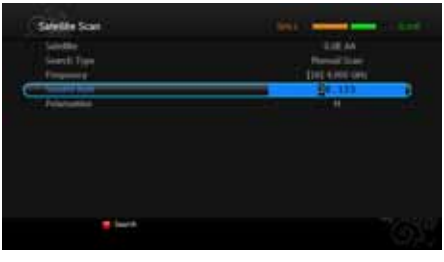


Figure 6.1.14

6. Operation

6.1 Getting Started

▣ **Package Identifier (PID) Scan <Figure 6.1.15>**

1. Select a transponder.
2. To change a transponder's information (Frequency, Symbol Rate), use the **NUMERIC** buttons.
3. To add a new transponder, press the **GREEN** button.
4. To delete a transponder, press the **YELLOW** button with the cursor next to the Frequency parameter.
5. To search a transponder, set its different parameters and press CH+ CH- . You can search a specific channel of the transponder by setting its PID data (Video, Audio and PCR).

Figure 6.1.15

✻ **Note:** If you cannot access programs after correctly completing a scan procedure, please contact your seller or your installer.

6. Operation

6.1 Getting Started

▣ SPECTRUM ANALYSER

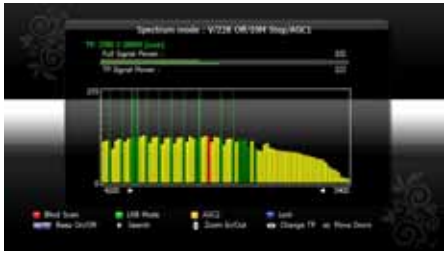
General information

The spectrum is displayed as histogram. YELLOW bars indicate signal presence. Green bars indicate signal presence and transponder presence of the selected satellite. RED bars indicate the frequency of the selected transponder. Shiny GREEN bars indicate the locked frequencies.

Here you can see ratio: locked transponders / all transponders.

The bars height indicates the LNB input mode of the receiver. High values (close to 255) show that input signal is suppressed by the attenuator at high degree and input signal overload can occur. Low values (close to 0) show the maximum boost of the input signal. Noise level may highly interfere with the input signal in this case. The best quality signal is normally displayed in the upper part of the graph and does not exceed the limits.

- **Blind Scan(Red button)**: The receiver searches for all the available channels
- **LNB Mode (Green button)**: You can switch LNB mode quickly.(22K ON / OFF, H /V)
- **Yellow button**: AGC1 / AGC2 / CNR
- **LOCK (Yellow button)**: Press "LOCK" **YELLOW** button to verify all the transponders indicated by all the Green bars visible in the active window, Locked TP shown shiny green.
- **Beep On/Off (Mute button)**: It expresses the value of the level to signal.
- **Search**: Find all satellites that can be give signal to receiver. : locking
- **Zoom In/out**: Zoom function is used for detailed display of the histogram. It allows locate transponders which are not in the preset list, set the expected frequency range
- Change TP: Move using < , > button. red bar shown current selected TP.



6. Operation

6.1 Getting Started

❺ Terrestrial Scan

Through this function, the receiver searches for all the available channels transmitted by terrestrial and saves it.

- **Channel**: You can select more saved channel by pressing the ◀ / ▶ button on the remote.
- **Bandwidth**: Select the scope 8Mhz / 7Mhz
- **Search Type**: Select the type of channel search you want by presssing ◀ / ▶buttons on the remote.
- **All**: To search all the Free To Air and scrambled channels, TV & Radio channels.
- **Free**: To search Free To Air channels only.
- **TV**: To search TV channels only.
- **Scan**: Begin channel search of the selected channel information.
- **Auto Scan**: Same as scan, but it is searching all channel.

6. Operation

6.1 Getting Started

❻ Channel Selection

You can use the ▲ and ▼ or CH+ and CH− keys to navigate between channels to select desired channels.

▣ If you know the channel number you can enter it using the NUMERIC buttons on the remote control and wait 2 seconds for the change.

▣ Detailed information about the selected channel will be displayed on the right hand side of the screen <Figure 6.1.16>

Figure 6.1.6

▣ You can use the following buttons to navigate between channels

- CH+ and CH− : Moves one channel up or down
- V− and V+ : Moves one page up or down
- **RED**: Shows all channels in the current group
- **Green**: Shows all channels alphabetically
- **Yellow**: Shows all channels by transponder
- **Blue**: Shows all channels by CAS.

▣ Press **OK** when the selection bar is positioned on the desired channel.

6. Operation

6.1 Getting Started

❼ Other Functions of the Remote Control

▣ Volume Control

1. Press or to adjust the volume while watching a program

2. Pressing the Mute button will remove the sound and the mute icon will be displayed.
Pressing the Mute button again will restore the sound.

▣ Channel Information

1. Pressing the INFO button will briefly display the channel information.

2. Pressing the INFO button a second time will display a more detailed program information.

▣ TV/RADIO switching

Press this button to change from a TV to a Radio channel. Pressing the button again will return the unit to the TV channel.

▣ RECALL

Pressing this button returns the unit to the previously viewed channel

▣ Audio

Use this button to adjust the subtitles or audio status of the current channel

- **Audio Mode**: Select from Stereo –> Mono Left –> Mono Right
- **Audio Track**: Select between tracks available in this program
- **Audio Level**: Use to select High –> Medium –> Low

∗ **Note**: Subtitle and audio settings are only available when the selected channel supports these functions.

▣ FREEZE

Press this button to freeze video. Pressing the button again will restore the video.

▣ GROUP

This button is used to view the list of favorite channel groups. Only registered groups are displayed.

6. Operation

6.1 Getting Started

▣ ZOOM

By pressing the button you can zoom in video.

1. By pressing the PAUSE button and you can zoom in on sections of video on Freeze <Figure 6.1.17>
2. While watching a program press to zoom in on sections of a video <Figure 6.1.18>
3. To cancel the freeze status release it by pressing the ZOOM button continuously.

Figure 6.1.17

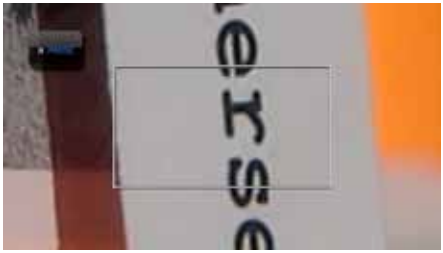


Figure 6.1.18

▣ SUBTITLE

By pressing you can select the subtitle language of the current channel <Figure 6.1.19>

▣ SLEEP

You can set your receiver to turn off after a period of time. Available timer selections are 10,20,30,60,100 and 120 minutes. To activate press and set the timer. <Figure 6.1.20>

- To cancel the sleep timer press until the minutes are set as “0 min”

Figure 6.1.19

Figure 6.1.20

6. Operation

6.1 Getting Started

▣ V.FORMAT <Figure 6.1.21>

You may select the video resolution by pressing . Available selections are 1080p -> 1080i -> 720p -> 576p -> 576i

▣ WIDE <Figure 6.1.22>

Pressing WIDE changes the aspect ratio. Available ratios are:

- 4.3 Pan-Scan or Letter-Box
- 16.9 Full-Screen or Pillar-Box

Figure 6.1.21

Figure 6.1.22

6.2 System Setting

These can be accessed by pressing the button **Menu** and then scrolling to the "System" section and pressing **OK**

❶ Time Settings

The sub menu allows you to set your local time, wake up timer, wake up channel and sleep time. <Figure 6.2.1>

Use the scroll buttons to select the following options

- **GMT Usage**: Set this ON for the local time to be determined by adjusting the time difference with GMT.
- **Current Date**: If GMT Usage is OFF you can change the date by pressing **OK**
- **Current Time**: If GMT Usage is OFF you can change the time using the **NUMERIC** buttons
- **Local Offset**: If GMT Usage is ON, local time is GMT + Local Offset
- **Summer Time**: Select the time during which summer time is applied
- **Wake Up Mode**: Selects wake up frequency (Off/Once/Daily/Mon - Fri)
- **Wake Up Time**: Set the wake up time using the **NUMERIC** buttons.
- **Wake Up Channel**: Press **OK** to set the wake up channel.
- **Sleep Mode**: Use to select sleep frequency (Off/Once/Daily/Mon-Fri)
- **Sleep Time**: Set the sleep time using the NUMERIC buttons
- **Automatic Standby**: Selects auto standby time (OFF/After 1~8Hour) After making your selection press to confirm
- **Timer Lead Time**: Press **OK** to set the Timer Lead In And Lead Out Time.

Figure 6.2.1

6. Operation

6.2 System Setting

❷ A/V Output Settings

This menu lets you specify the audio and video output settings of your receiver <Figure 6.2.2>

Use the scroll buttons to select your desired setting

- **Audio Language**: set the audio language
- **Subtitle Language**: Select the subtitle language
- **TV Type**: Select the TV type.
- **SCART**: Select the SCART output.(CVBS/RGB)
- **Screen Format**: Select the screen format (16.9/ 4.3)
- **Display Format**: Select the aspect ratio
- **Video Format**: Select the video format from 1080p, 1080i, 720p, 576p or 576i
- **Digital Audio**: Selects the audio output type

After making your selection press **OK** the to confirm.

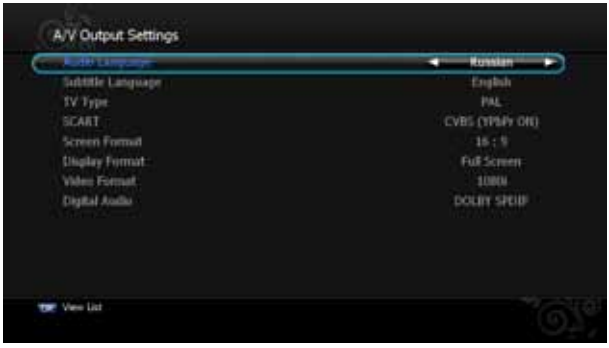


Figure 6.2.2

6. Operation

6.2 System Setting

❸ On Screen Display Settings

Using this menu, you can select the menu language and the duration that the display and volume bars are shown on the screen.
<Figure 6.2.3>
Use the scroll buttons to highlight and adjust your selections and press **OK** button to confirm.

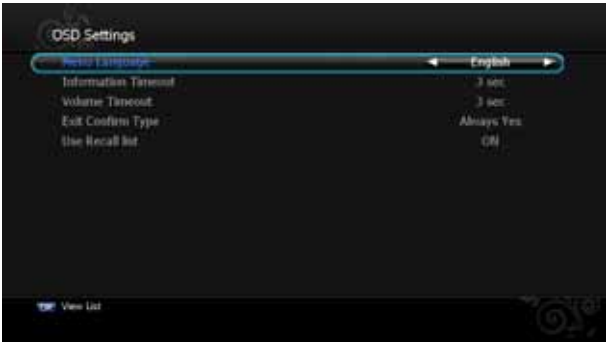


Figure 6.2.3

6. Operation

6.2 System Setting

❹ Front Display Setting

This function enables you to set the front display settings.
Moving text can be enabled or disabled and Channels can be set to display Channel Name or Name and Numbers. Use the scroll button to highlight and adjust your selection and press the **OK** button to confirm. <Figure 6.2.4>

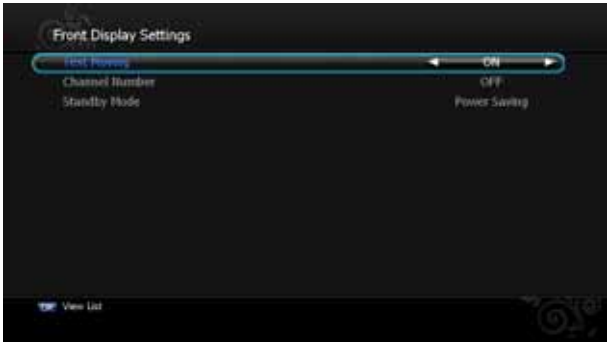


Figure 6.2.4

▣ Standby Mode (Selecting Power Saving or Normal)
Highlight standby mode using the CH+ and CH− arrow keys.
Use the V− V+ arrow keys to adjust your selection.

- **Power Saving**: Set Power Saving to ON using the left and right arrow keys for the receiver to consume less power whilst in standby
- **Normal**: Should you wish to access your televisions inbuilt tuner whilst your DVR is in standby you will need to set the Standby Mode to Normal.

Using the V− V+ arrow keys set Standby Mode to Normal.

Press the **Exit** button, you will be prompted whether you wish to save the settings select Yes using the V− V+ arrow buttons and press the **OK** button

6. Operation

6.2 System Setting

❺ Security Settings

To prevent unauthorized access to classified programming, you can set a personal PIN number for your receiver. **(Note that the factory set default password is : 0000. PIN and password are the same)** <Figure 6.2.5>
By setting any of the following functions to **OK** in this menu, the PIN will be required to access them;
- Receiver Lock, Install Lock, Channel Lock, Lock Channel Confirm

▣ Age Limit (Parental Lock)
Under this menu you may select a Rating of programs you choose to block.
All available ratings are listed in the menu and when the program information regarding the rating available from the broadcaster exceeds the selection, a PIN number is required to access the program.
Use the scroll buttons to make your selection and press **OK** button to confirm.
This section also contains options to change and enter new passwords.

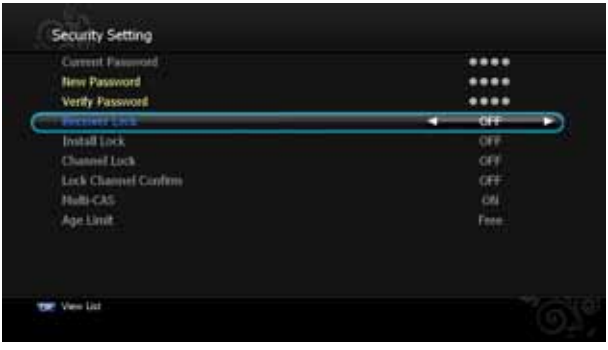


Figure 6.2.5

6. Operation

6.2 System Setting

❻ Database Reset <Figure 6.2.6>

This section allows you to reset the receiver to the factory settings.

- **Delete Radio Channels**: Erase all radio channels in the database.
- **Delete Scramble Channels**: Erase all scramble channels in the database.
- **Delete All Channels**: Erase all channels.
- **Factory Set**: Erase all channels and restore the factory default settings.

Please note that a factory reset is required to be performed after a software upgrade

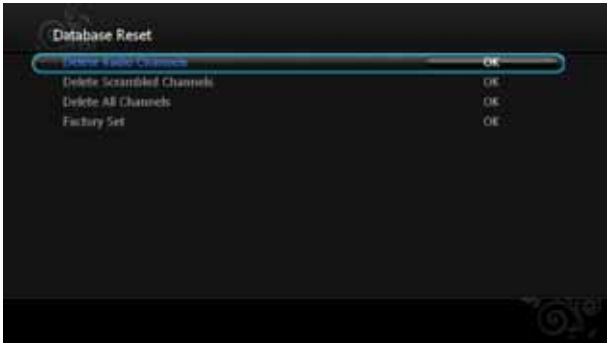


Figure 6.2.6

❼ IP Setting

If the Network supports DHCP , IP settings can be allocated automatically. If the Network does not support DHCP, the Addresses must enter manually (Static IP).<Figure 6.2.7>

- **Connection Type**: Ethernet or WiFi. Select Ethernet if you are connecting the receiver wireless network using the wireless USB dongle supplied with your receiver. (Please note the wireless USB dongle is already inserted into the rear USB port or the receiver)
- **DHCP Usage**: On/Off to receive IP settings automatically
- **IP Address**: Enter the IP address
- **Subnet Mask**: Enter Subnet Mask Number from your Network
- **Gateway**: Enter IP address of Gateway (e.g. router)
- **DNS**: Enter IP address of main DNS Server
- **Mac Address**: Mac Address display

6. Operation

6.2 System Setting

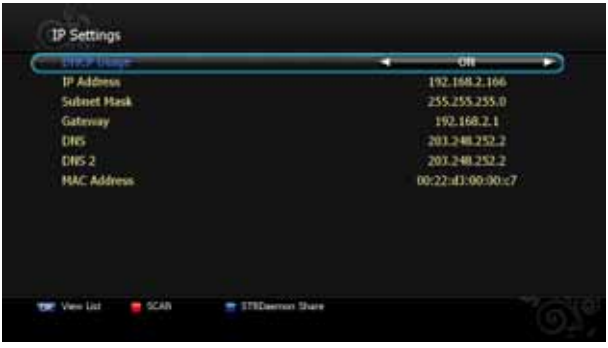


Figure 6.2.7

- **SCAN**: Press the **RED** button to SCAN for the IP address and network details if they do not apprear automatically.
- **WiFi Wizard**: When connecting to your home network using WiFi press the **GREEN** button to view the list of available wireless networks. Select the desired wireless network you wish to connect to using the CH+ and CH− arrow buttons and press **OK** the button to select your networks.
- **WiFi Setting**: Once you have selected the wireless network you wish to connect to in the WiFi Wizard press the **YELLOW** button to access the WiFi Setting menu. In this menu you can enter the network key to connect to your wireless home network. Highlight Key using the CH+ and CH− arrow buttons and press the **OK** button to bring up the virtual keyboard. Using the CH+ CH−, V− and V+ buttons select the characters of your wireless network security and press the **OK** button. Once you have entered your wireless network key press the **Exit** button to save and exit. Now highlight connect and press the **OK** button to connect to your wireless network.

6. Operation

6.2 System Setting

- **Firmware update**: Support download from a LAN.
  1. **BLUE** button, appear input target IP address.
  2. **RED** button to Scan after inputting a target IP.
  3. Choose a update software and **OK** button for downloading.

∗ **Note**: The PC tool STB Daemon must be installed on your PC before you can connect your receiver the PC. Please refer to the "Connecting your receiver via LAN to a PC" section for PC Tool download instruction

Figure 6.2.8

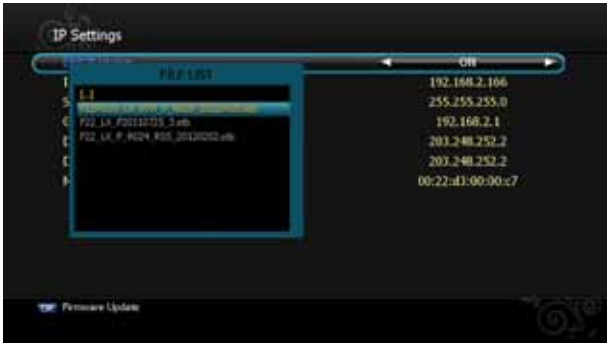


Figure 6.2.9

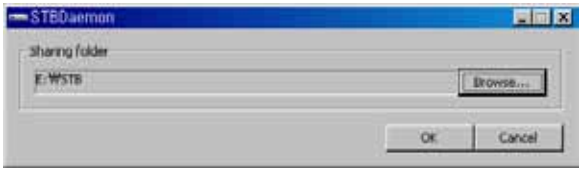
6.2 System Setting

Connecting your receiver to a PC via your Network

1. Follow these instructions prior to connecting your receiver to your PC:

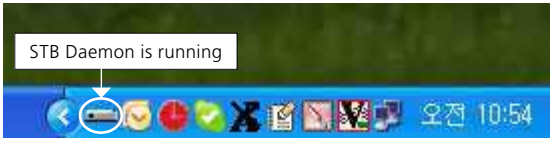
a) Run the PC Tool program (STB Daemon) before connecting to your PC,
this can be downloaded from www..com.au/faq tech.html

b) Click Browse and select a sharing folder on your PC.



c) Press OK then select STB Daemon and the window will be hidden.
You can still see the icon on bottom right of the windows screen.

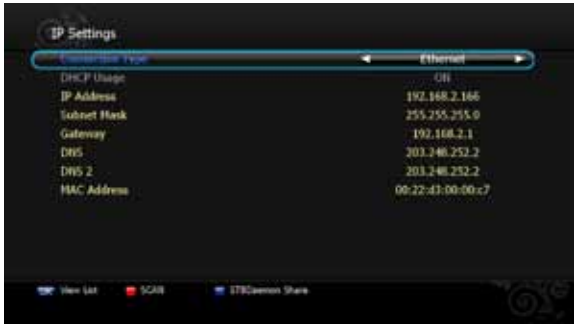
2. Connect an Ethernet cable or wireless USB dongle from your DVR to your network port.



3. Press menu, Select System Settings, Select IP Settings:

a) Depending on your connection select either Ethernet of WiFi.

b) If your Network supports DHCP, IP settings can be allocated automatically by turning DHCP Usage on and pressing the red colored key.



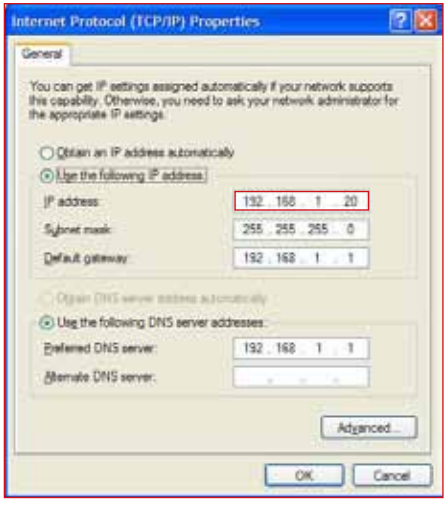
6. Operation

6.2 System Setting

c) If your Network does not support DHCP, the IP Address must be entered manually (Static IP). EG. If your computers IP is 192.168.168.114, you can allocate the unit an IP of 192.168.168 any other number not used on your network.

d) Click the network icon on the bottom of your desktop.

e) Now select the Support Tab, you can allocate your IP Address.


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 1 . 20
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
192 . 168 . 1 . 1
Use the following DNS server addresses:
Preferred DNS server:
192 . 168 . 1 . 1
Alternate DNS server:
Advanced...
OK
Cancel

4. You can now go into Media MAnager, then File Manager menu (on your DVR) and press the yellow coloured key (on remote) to type in the IP address of the computer which has STB Dadmon running.

Please see page 52 for instructions on how to transfer files.

6.2 System Setting

❽ Key Setting

Our receiver can assign hotkeys . (KEY 0 ~ KEY 9) you can easily assign hotkey to your frequently using menu. Select one program list using < and > button in Key Settings Menu.
If you finish the setting of key, Press EXIT button to save.
Specified Program will be run if you press and hold the numberic key.

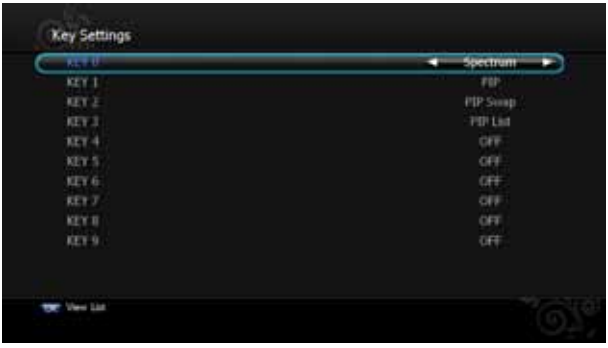


Figure 6.2.10

6. Operation

6.3 Channels

❶ Setting Favorite Channels

This section allows you to select up to 16 groups of favorite channels in either TV orRadio.

1. Press **OK** on "Set Favorites" and the group lists will be displayed. <Figure 6.3.1>
2. Press **OK** button to choose a group and a new menu will appear. <Figure 6.3.2>
To change the name of the group press the **RED** button.
3. Press **OK** to add or remove a channel from the list.
4. Press **OK** button to return to the previous menu.

Figure 6.3.1

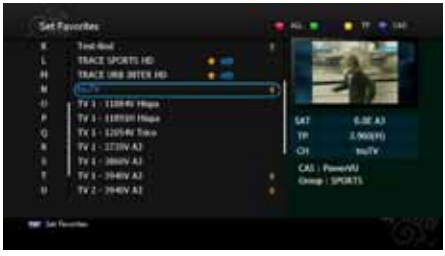


Figure 6.3.2

❷ Edit Channels

This section lets you rename and edit channels. You can select from Radio or TV by pressing the button or a channel by pressing the button.

1. Press **OK** button on "Edit Channels" and a new menu will appear <Figure 6.3.3>
2. Press **OK** button on the desired channel
3. Press **OK** button on "Edit Name" to rename the channel using the displayed keypad

Figure 6.3.3

6.3 Channels

❸ Move Channels

By navigating through this section you can change the channel sequence.

1. Choose the channel list by pressing the button, use the cursor keys to select the desired options. <Figure 6.3.4>

2. Press the **Exit** button to return to the previous menu.

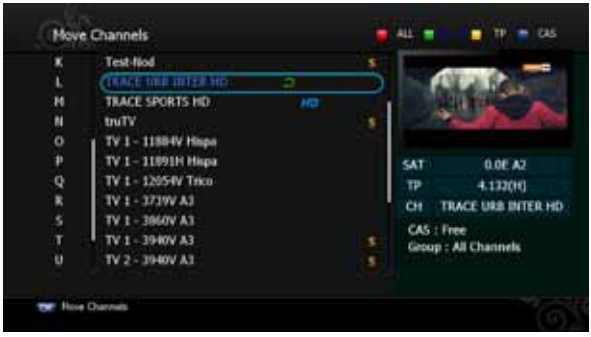


Figure 6.3.4

❹ Lock Channels

This feature allows you to lock a specific channel so it will require a password to access it.

1. Press **OK** button on the "Lock Channels" and follow the on-screen prompts to set the function. <Figure 6.3.5>

2. Press **Exit** to return to the previous menu.

Figure 6.3.5

6. Operation

6.3 Channels

❺ Skip Channels

This feature skips a set channel when using the CH+ and CH- buttons to navigate channels.

1. Press **OK** on the "Skip Channels" and follow the on-screen prompts to activate the feature on the selected channels. <Figure 6.3.6>

2. Press **Exit** to return to the previous menu.

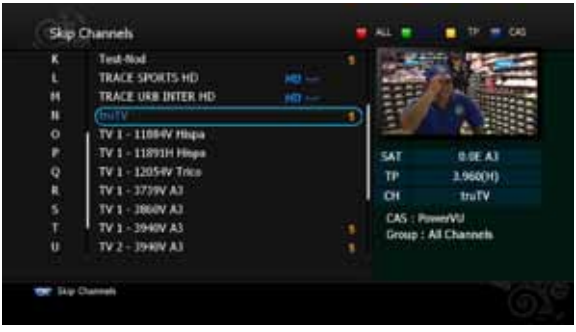


Figure 6.3.6

❻ Delete Channels

This function allows you to delete a channel selection.

∗ **NOTE**: Deleting a channel means you will not be able to access it until you rescan.

1. Press the **OK** on "Delete Channel" and follow the screen prompts to activate this feature. <Figure 6.3.7>

2. Press the i button to delete all channels in the current list; you will be asked to enter your password.

3. Press **Exit** to return to the previous menu.

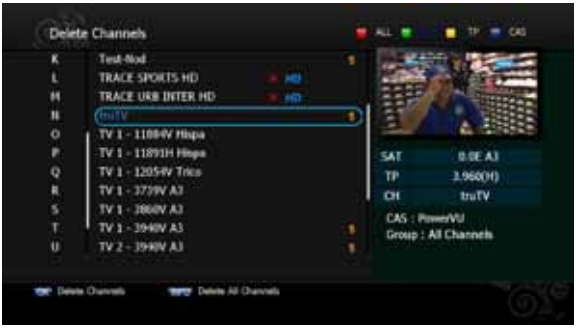


Figure 6.3.7

6. Operation

6.3 Channels

❼ AV Input Channel

▪ Your Grand Triple incorporates an AV Input feature that will allow you to record from any external video source to the internal HDD, such as Pay TV, Gaming consoles, Camcorders and many others

▪ You can connect your external audio/video source either via Component or Composite Video cables and Audio Left and Right RCA cables

▪ To activate the AV In feature press **Menu**, using the arrow buttons highlight installation and press the **OK** button.

▪ Using the arrow buttons highlight AV In and press the **OK** button, the AV In menu screen will be displayed

▪ With AV Input highlighted, using the arrow buttons select ON

▪ To set the Input Selection, use the arrow down button select Input Select, now using the arrow buttons select the appropriate connection type.

▪ If you have connected your external video source via Component (Red, Green and Blue RCA cables) select YCbCr

▪ Video source must be set to 576i when connecting via component.

▪ If you have connected your external video source via Composite (Yellow RCA cable) select CVBS

▪ Now press the **Exit** button, you will be prompted to save these settings. Using the arrow buttons select Yes and press the **OK** button.

The AV Input channel will be added in the channel list at the last position.To access the AV In channel press the AV IN button on the remote control. You can also access the AV In channel by pressing the and buttons until it is displayed or alternatively press the **OK** button to bring up the Channel List. And select AV In by pressing the **OK** button.

6. Operation

6.3 Channels

▪ The RCA Splitters have 1 x RCA Socket on one side and 2 x RCA Sockets on the other side.

▪ Connect the Yellow (Video Signal), Red (Audio Output Right) and White (Audio Output Left) into the single RCA socket of each splitter.

▪ Using the supplied RCA Composite cables, connect both sets of RCA cables into the RCA Splitters.

▪ The 2 x Yellow (Video Signal) plugs should be connected to the 2 x RCA sockets of the splitter that has the Yellow (Video Signal) plug connected to it from the gaming console.

▪ The 2 x Red (Audio Output Right) plugs should be connected to the 2 x RCA sockets of the splitter that has the Red (Audio Output Right) plug connected to it from the gaming console.

▪ The 2 x White (Audio Output Left) plugs should be connected to the 2 x RCA sockets of the splitter that has the White (Audio Output Left) plug connected to it from the gaming console.

▪ Now connect the RCA Composite cable to the corresponding Video Input socket on the back of the TV.

▪ For Right Audio, connect the red lead the corresponding Right Audio Input socket on the back of the TV.

▪ For Left Audio, connect the white lead to the corresponding Left Audio Input socket on the back of the TV

Once you have connected the desired device to the AV Input channel of the receiver, select the AV In channel using the CH+ and CH− keys or by pressing the AV IN button. To record press the ● button, the receiver will immediately begin recording the AV In channel for the default time of 2:00 Hours. To change the default time, press the ● button again to bring up the record duration setting. Using the CH+ and CH− arrow buttons highlight Duration and then using the V− V+ arrow keys increase or decrease the recording duration.
Press the **Exit** button to leave this menu.

Now using your TV remote control select the AV Channel that you have connected the RCA cables to from the splitter. Once you have selected the AV Channel you can view the camcorder or game play in real time while the Grand Triple records simultaneously.

6. Operation

6.4 Electronic Program Guide

❶ EPG

1. An EPG (Electronic Program Guide) is an on screen list displaying scheduling information for current and upcoming programming from all Free To Air broadcasters for the next 7 Days.

2. To access the EPG press the button, the list of channels will be displayed in the left window and the programming information for the selected channel will be displayed in the right window.

3. Use the CH+ or CH− arrow buttons to select the desired channel. Press the arrow button to access the programming information for the desired channel.

4. By selecting the desired program, detailed program information will be displayed in the top pane of the EPG screen.

5. To Record a selected program press the button (Refer to the 'How To Record on your Grand Triple Digital Video Recorder' section for recording instructions via the EPG.

6. To Reserve a program for viewing, select the program by pressing the **OK** button.
This will highlight the program. You receiver will now automatically display this program when it begins even if you are watching another channel.

Figure 6.4.1

Figure 6.4.2

Figure 6.4.3

Figure 6.4.4

6. Operation

6.5 Entertainment

❶ YOUTUBE

1. CH+ CH− : To select Youtube feature.
2. **OK**: To play desired clip.
   - **Option**: Allows you to set search parameters by Category. Viewed, Time, Location.
   - **Search**: Use this to search by key word. Use the virtual keyboard to enter the search name using the CH+ CH− , V− and V+ arrow buttons and press the button to select.
     Once you have entered the search name press to save and to start search.
   - **Next**: To move to the Next page of the search results.
   - **Previous**: To move to the previous page of the search results.
   - **REPLAY**: To replay the current clip.
   - **PAUSE**: To pause the playing clip.
   - **STOP**: To stop the clip.
   - **Fullview**: To view the clip in full screen.

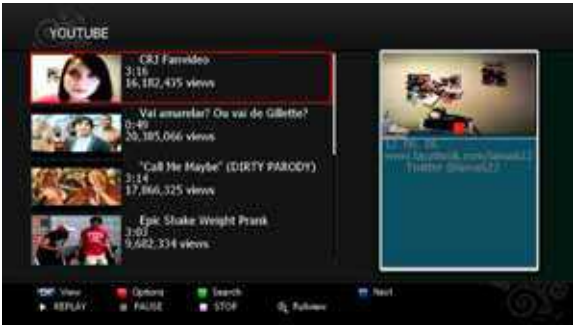


Figure 6.5.1

❷ Internet Radio

- **Search**: Press the **OK** button to display the virtual keyboard to search by key word.
Use the CH+ CH− , V− and V+ arrow buttons, press the **OK** button to select. Once you have entered the search name press **Exit** to save and then press the **RED** button to begin search.

- **Genres**: Press the **OK** button to view the list or use the V− and V+ arrow buttons to select the Genre you wish to search by. Once you have selected the Genre press the **RED** button to begin search.
Search results will be displayed in the Station List. Use the CH+ and CH− arrow buttons to select the desired station and use the V− and V+ arrow buttons to move to the next page of stations in the list. Once you have selected the station press the **OK** button to load this radio station.
Playback will begin once buffering is complete.

6. Operation

6.5 Entertainment

▪ **Favorites**: To set favorite channels highlight the channel you wish to add to your favorites list and press the **GREEN** button. Channels you have selected as favorites will be added to your favorites list.

▪ **Record**: To record Radio that you are currently listening to press the button.
To stop recording press the button agian.

Recorded radio programs can be accessed via the Media Manager menu underfile manager and selecting Music.

1. Search Radio channel by Key word or Genre.
2. Select a channel by CH+ CH- <Figure 6.5.2> .
3. Press **OK** to play Radio.

∗ To exit and return to the main menu press the **Exit** button on the remote control.

Figure 6.5.2

Figure 6.5.3

❸ Weather

1. Press **BLUE** button to be begin search for a city.
2. Enter the City name using the virtual keyboard.
3. Press to save and exit the window.

Your selection will be displayed.

▪ **View List**: Press the **OK** button to view and select the saved list of cities.
▪ **Fahrenheit / Celsuis**: To display the temperature in your desired measurement.
▪ **Add City**: Press the **YELLOW** button to add a City to the list.
▪ **Rename**: Press the **BLUE** button to modify the City name.
▪ **Save Info**: Press the button to save the added CIty name.
∗ To exit and return to the main menu press the Exit button on the remote control.

6. Operation

6.5 Entertainment

Figure 6.5.4

❹ MAP

Searching the MAP for City.

1. Press **BLUE** button to begin search.
2. Enter the City or Country name using the virtual keyboard.
3. Press to save the search and exit the window.
   - **View List**: Press the **OK** button to view the saved search list.
   - **Move**: To move around the map use the CH+, CH−, V+ and V− buttons.
   - **Zoom In**: To enlarge the size of the MAP press the **RED** button.
   - **Zoom Out**: To reduce the size of the MAP press the **GREEN** button.
   - **Add City**: Press the **YELLOW** button to add a City to the savd list.
   - **Rename**: Press the **BLUE** button to modify the CIty name.
   - **Save Info**: Press the button to save the added City name.

∗ To exit and return to the main menu press the button on the remote control.

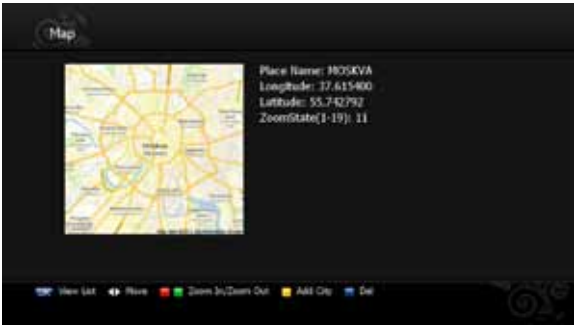


Figure 6.5.5

6. Operation

6.5 Entertainment

❺ Web Browser

The Grand-Triple has an inbuilt web browser similar to what you will find on your PC.
You can navigate the internet by either connecting an external USB wireless keyboard and mouse or via your iPhone / iPad or Android device.
Press Enter to close Key board.

For instructions on how to turn your handheld device into a remote control and keyboard please refer to the separate instructions supplied titled, Remote Apps for Grand-Triple. You can also access the web browser feature using the virtual remote control built in to your Grand-Triple.
Press the i button on the remote control to display the virtual keyboard on the screen.
Using the CH+ CH− , V− and V+ arrow buttons you can navigate around the screen and around the virtual keyboard.
To select an option or and item from the virtual keyboard, place the cursor over the desired item and press the **OK** button.
To close the virtual keyboard, press the i button on the remote control.

Figure 6.5.6

6. Operation

6.5 Entertainment

❻ Facebook

The Grand-Triple has an inbuilt Facebook app.
As in the web browser you can navigate your Facebook page by either connecting and external USB wireless keyboard and mouse or via your iPhone/iPad or Android device.
For instructions on how to turn your handheld device into a remote control and keyboard please refer to the separate instructions supplied titiled, Remote Apps for Grand-Triple.
You can also access your Facebook page using the virtual remote control built in to your Grand-Triple. Press the button ⓘ on the remote control to display the virtual keyboard on the screen. Using the CH+ CH−, V− and V+ arrow buttons you can navigate around the screen and around the virtual keyboard.
To select an option or an item from the virtual keyboard, place the cursor over the desired item and press the **OK** button. To close the virtual keyboard, press the ⓘ button on the remote control.

Figure 6.5.7

❼ Twitter

The Grand-Triple has an inbuilt Twitter app. As in the web browser you can navigate your Twitter page by either connecting and external USB wireless keyboard and mouse or via your iPhone/iPad or Android device.
For instructions on how to turn your handheld device into a remote control and keyboard please refer to the separate instructions supplied titiled, Remote Apps for Grand-Triple.
You can also access your Twitter page using the virtual remote control built in to your Grand-Triple. Press the ⓘ button on the remote control to display the virtual keyboard on the screen. Using the CH+ CH−, V− and V+ arrow buttons you can navigate around the screen and around the virtual keyboard.
To select an option or an item from the virtual keyboard, place the cursor over the desired item and press the **OK** button. To close the virtual keyboard, press the ⓘ button on the remote control.

6.5 Entertainment

Figure 6.5.8

❽ Picasa

The Grand Triple has an inbuilt Picasa app.

Picasa allows you to share your photos with friends and family online. As in the web browser you can navigate your Picasa account by either connecting and external USB wireless keyboard and mouse or via your iPhone/iPad or Android device.

For instructions on how to turn your handheld device into a remote control and keyboard please refer to the separate instructions supplied titiled, Remote Apps for Grand Triple.

You can also access your Picasa account using the virtual remote control built in to your Grand Triple. Press the i button on the remote control to display the virtual keyboard on the screen. Using the CH+ CH−, V− and V+ arrow buttons you can navigate around the screen and around the virtual keyboard.

To select an option or an item from the virtual keyboard, place the cursor over the desired item and press the **OK** button.

To close the virtual keyboard, press the i button on the remote control.

Figure 6.5.9

6. Operation

6.6 Media Manager

❶ Disk Manager

Use the cursor keys to activate the desired functions from this menu.

▪ **Default Disk**: If you have additional Storage devices connected to your receiver (i.e. USB HDD, SD Card Reader) you can select which storage device is to be the default drive for playback and recording

▪ **Disk Information**: Select the Hard disk volume, USB device or SD Card Reader. Information of the storage devices will be displayed (i.e. used size, total size, free size)

▪ **Check Disk**: Checks the status of the selected Storage device.

▪ **Format Disk**: Format disk enables you to delete all information stored on the selected storage device. There are 2 options in this section.

▪ **NTFS (Recommended)**: Selecting NTFS will format the storage device to this format which is recommended for use with the Grand Triple.

▪ **EXT3**: EXT3 is a format used with the Linux operating system which the Grand Triple runs on. We do not recommend that you format storage devices in this format type if you wish to connect the storage device to a PC.
If connected a separate program will be required for your PC to recognize the drive.

∗**Warning**: If you select Format Disk all data on the storage device will be deleted

▪ **Testing USB Speed**: Press to test USB speed for DVR.

▪ **Timeshift Rec Time**: Set the preferred Timeshift Recording Time. (10Min/30Min/60Min/90min/120min)

▪ **Auto Timeshift**: Set Auto Timeshift to On or Off. When set to on unit will automatically begin Timeshift for pre determined time set in the Timeshift Rec Time menu.

▪ **Skip Time**: Set the preferred amount of Skip Forward and Back time during playback (5sec/10sec/30sec/1Min/2Min/3Min/5Min/10Min20Min/30Min)

▪ **HDD Sleep Time**: HDD is change sleep mode after selected time

▪ **Set Label**: Change volume label of connected disk

Figure 6.6.1

6. Operation

6.6 Media Manager

❷ File Manager (Transferring Files from your Grand Triple to a PC or external USB HDD)

∗ **Note**: Follow instructions in the "Connecting your receiver to a PC via your network" section on page 25 if you have not already connected a PC to the Grand Triple

1.Press the **YELLOW** button on the remote control to create a new Network Connection or to select the external USB HDD that you would like to transfer to.
Use the numeric keys to enter your PC's IP Address

2. Press the **Exit** button after inputting your IP address to add it into the File Manger section.

3. Select/HDD0 by pressing the **OK** button, use the arrow buttons to highlight records on the right hand side menu and press **OK** to view the list of recorded files on the receivers hard drive.

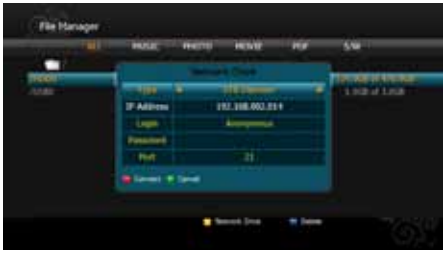


Figure 6.6.2

Figure 6.6.3

Transferring Files from your Grand Triple to a PC

4. Press the **RED** button on the remote control to select the desired files to be transferred or press the **GREEN** button to select all files on the HDD.

5. Once you have selected the files press the **Menu** button to select the desired function of Move/Copy/New Folder/Delete/Rename by pressing the **OK** button.

6. Select your created Network drive or external USB HDD using the arrow buttons and press the **OK** button

7. Press the **Menu** button to transfer the selected files to your Network Drive by selecting Copy, Paste or Move

Figure 6.6.4

Figure 6.6.5

6. Operation

6.6 Media Manager

The File Manager menu gives you access to all Media files you have stored on the internal HDD or any external storage devices you have connected to your Grand Triple.

To select the storage device you wish to access press the **YELLOW** button.

- To access the internal HDD select / HDD0
- To access an external HDD select / USB0

Please note if you have no external device connected the receiver will display all the contents on the internal HDD. Once you have selected your storage device by pressing the **OK** button all files and folders will be displayed in the list.
To sort files into their appropriate types, use the Group button to select from MUSIC, PHOTO, VIDEO and SWDATA. Once you have selected the file type you wish to access, these file types will be displayed in the list.
Use the CH+ and CH- arrow buttons to select the file you wish to access and press the **OK** button.

▣ **MP3 Playback**

Using the GROUP button select MUSIC.

1. Select the MP3 file you wish to play using the CH+ CH- , **OK** in the file list. <Figure 6.6.6>
2. Press the **Exit** button to hide the file list. Select and option using V- V+ , **OK**. <Figure 6.6.7>
3. Adjust the volume using ▲ ▼
4. Press the ☰ button to display the MP3 file list.
5. Press the *i* button to display information about the selected MP3 file sould further information be available.

- **LIST**: Displays / hides the file list.
- **INFO**: Displays information about the selected file should further information be available.
- **YELLOW**: Allows you to select which drive you wish to access should an external USB HDD be connected.

Figure 6.6.6

Figure 6.6.7

6. Operation

6.6 Media Manager

▣ JPG View

Using the GROUP button select MUSIC.

1. Press CH+ CH- to select a picture then press **OK** button to display the selected image <Figure 6.6.8>.
2. Press the **Exit** button to hide the file list. Select and option using V- V+ , **OK**. <Figure 6.6.9>
3. Press the ☰ button to display the JPG file list.
4. Press the ℹ button to display information about the selected MP3 file.

- **HIDE infobar bar**: Press the **RED** button to hide the info bar.
- **-90 Degrees**: Rotates the image anticlockwise.
- **+90 Degrees**: Rotates the image clockwise.
- V- : Press the Left arrow button to skip to the previous image.
- V+ : Press the Right arrow button to skip to the next image.
- **SLIDE**: Select SLIDE using the arrow buttons and press the **OK** button to adjust the slide show interval time from 3 seconds, 5 seconds, 10 seconds and OFF.
- **INFO**: Shows information about the selected file.
- **YELLOW**: Selects the hard disk or USB device on which images are stored on.
- **LIST**: Shows / Hides the JPEG file list.

Figure 6.6.8

Figure 6.6.9

6. Operation

6.6 Media Manager

▣ **VIDEO Play**

Using the GROUP button select VIDEO.

1. Select the video file you want to play using the CH+ CH- , **OK** in the file list.
Press the **OK** button to begin playback of the selected video file. Once playback has commenced all standard DVR buttons are active, Play, Pause, FF, RW, Skip Fwd, Skip Back and Stop.

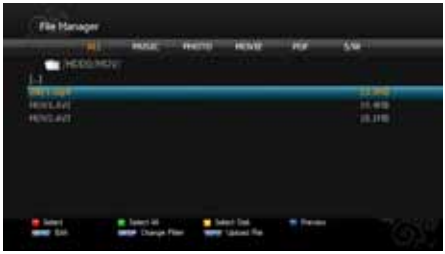


Figure 6.6.10

Figure 6.6.11

▣ **Update** (Firmware, Channel)

1. Select the software you want to download by using CH+ CH- in the menu.<Figure 6.6.12>
2. Press the **OK** button to start the download.

∗ **Warning**: <u>do not switch off your receiver before the download is complete.</u>

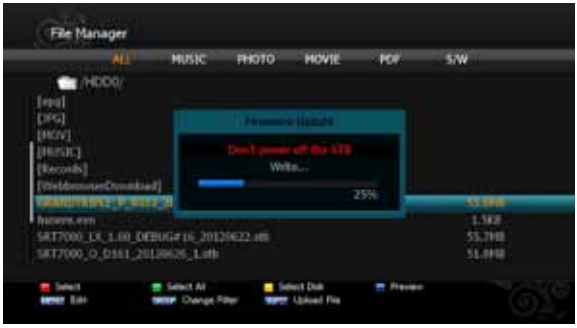


Figure 6.6.12

6.6 Media Manager

❸ iShare

The iShare feature of the Grand Triple allows you to stream, view and access content from Apple and Android mobile devices. For full instructions on the iShare feature please refer to the separate iShare flyer that came with your Grand Triple.

❹ Timer Manager

(Manage Existing or Add Manual Timers for Reserving or Recording of Programs)

1.Press the **OK** button on the desired timer number to access and modify the timers' parameters

2. Press the CH+ and CH- arrow buttons to select timer parameters

3. Press the V- V+ arrow buttons to change parameters

- **Timer No**: choose the desired timer using CH+ and CH- Arrows buttons (1-32)
- **State**: Select timer frequency (off/daily/Mon-Fri/Weekly)
- **Date**: Press the **OK** button to display the calendar and select the desired date
- **Start Time**: Using the NUMERIC buttons input the required start time
- **End Time**: Using the Numeric buttons input the required end time
- **Channel**: Press the **OK** button to display the channel list and select a channel
- **Record**: Set the record mode (ON/OFF) by using the left and right arrow button
- **Power Off**: Select Power Off should you wish the receiver to turn to standby after recording has finished <Figure 6.6.13>

Figure 6.6.13

6. Operation

6.7 System Information

Your receiver displays current information <Figure 6.7.1> regarding model name, software version and date of manufacture. This info is useful when downloading new software. Please note if you have performed a software update you must also perform a factory reset of the receiver. Please see Database Reset section in the Systems settings menu for instruction on page 23.

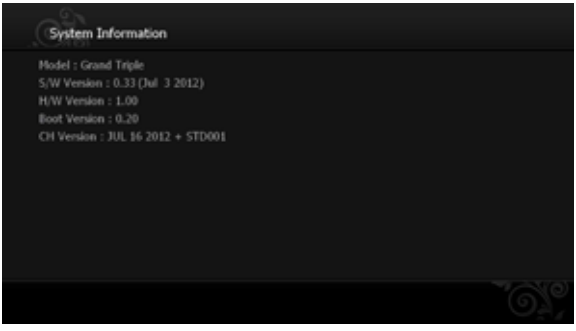

System Information
Model : Grand Triple
S/W Version : 0.33 (Jul 3 2012)
H/W Version : 1.00
Boot Version : 0.20
CH Version : JUL 16 2012 + STD001

Figure 6.7.1

6. Operation

6.8 DVR

❶ How to record on your Grand Triple Digital Video Recorders internal HDD

The Grand Triple allows you to record 3 channels simultaneously while watching a 4th or a previously recorded program via 2 networks. E.G. Record Channel 7, 7 TWO, Channel 9 and watch GO. Or a previously recorded program. There are 4 ways to record TV programs on your DVR:

▣ Instant Recording

This method can be used if the program you wish to record is currently showing.

- Switch your DVR to the channel that you wish to record.
- Press the ● button on your remote. The receiver will automatically begin recording.
- Please note that the default record duration is 3 hours. If you wish to change this, press the ● button again and a banner will appear where you can set your desired record start and stop duration using the V- or V+ arrows.
- To stop the recording press the ■ button on the remote control. You will be prompted to confirm that you wish to stop recording. Select Yes and press the **OK** button.
- If you are recording more than one program, select the recording you wish to stop by pressing the **OK** button on that recording. A tick will be placed in the box next to that recording.

Once you have selected the recording(s) you wish to stop, press the **Exit** button. You will then be prompted to confirm the stop operation. Select Yes using the arrow buttons and press the **OK** key to stop recording

▣ EPG (Electronic Program Guide) Series Recording

This method of recording is unique feature that allows you to set the receiver to record a whole series with the touch of button.

- Press the ◄ button on your remote.
- Use the CH+ or CH- buttons to highlight the channel for the program you wish to record. Press **OK**.
- Use the V+ button to highlight the program name section of the EPG menu.
- Use the CH+ or CH- buttons to highlight the program you wish to record.

6. Operation

6.8 DVR

▪ The selected program will then appear in red. All subsequent programs in this series sill have a blue dot with a white S(??check) next to the program name indicating that it is set to record as part of the series.
This series will record every program when it is aired until the series record is cancelled. A series recording can be cancelled by either selecting the program in the EPG and pressing the **BLUE** button again or by deleting the timer setting in the Timer Manager menu.

▪ Once you have set the series record press the **Exit** key to return to normal viewing.

✻ **Please Note**: Setting series recordings may create undetected timer conflicts as EPG data is only available for 7 days in advance.

▣ **Manual Timer Record**

This method can be used to record at specific times.

▪ Press the button on your remote.

▪ Press the **RED** coloured key on your remote.

▪ Use the or buttons to highlight a slot that is "OFF".

▪ Press **OK** on your remote to select this timer slot.

▪ Use the or to change the "State" to how often you want the DVR to record at the desired time (Once, Daily, Weekly, Mon-Fri or Series).

▪ Use the button to highlight the next option, and the or buttons to change the setting for each option.

▪ If you want the receiver to power off once the recording has finished, in the Power Off section select Yes by pressing the or arrow keys

▪ Once the last option is set and the **Exit** button is pressed, you will see "Do you want to save?".

▪ Use the or buttons to highlight Yes and press the **OK** button.

▪ Press the **Exit** key twice to return to normal viewing.

6. Operation

6.8 DVR

❷ Timer Lead In and Lead Out Times

▪ Lead In and Lead Out Times can be set on your DVR to apply to all Timer recordings.
Lead In and Lead Out times add specified amounts of time to the beginning and the end of Timer recordings so you dont miss the begining or end of recorded programs.

▪ To set Lead In & Out times press **Menu** and select System Settings, then select Time Settings. Then highlight Timer Lead Time and press the **OK** button. This will allow you to set the Lead In & Out times to either 5,10 or 15minutes

❸ Record on your Grand Triple Digital Video Recorder using an external HDD via USB

▪ You can expand the storage capacity of your DVR by connecting an external HDD via the front or rear USB ports

▪ To record to the external HDD you will need to select it in the Menu. Press the **Menu** button and using the and arrow buttons select External Device by pressing **OK** button.
This will display the Disk Manager Menu. select Disk Manager and press the **OK** button. This will display the Disk Manager Menu. The first item in the list is Default Disk. This will currently be displaying /HDD0 which corresponds to the internal HDD.
To set the default disk to your external HDD press the or arrow buttons until /USB0 is displayed. This corresponds to your external HDD. Once you have selected /HDD1 press the **Exit** button, you will be prompted to save the changes made.
Select Yes using the or arrow button and press the **OK** button. The default disk is now set to the external HDD.

▪ You can now perform all the recording options listed above using the external HDD

▪ To set the default HDD back to the internal drive simply remove the external HDD.

▪ Should you wish to have the external drive permanantly connected follow the abve instructions to select which HDD to record onto.

6. Operation

6.8 DVR

❹ Playing Recorded TV programs:

▪ To access any programs you have recorded press the button on your remote control.
The full list of the programs you have recorded will be displayed on the screen.

▪ To play these programs highlight them by using the and arrow buttons and select them by pressing the **OK** button, this will preview the program.
To watch the program full screen press the **OK** button again.

▪ Your recorded program will begin playback.

During Playback the Following Options are available

▪
This displays the time- banner showing the progress of the recorded program and if press again this button, you can show information of help

▪
This button will pause playback of the program. To resume viewing either press the PAUSE or PLAY button

▪ (Fast Forward)
When playing a file you can search through the program by pressing the FF Button.
By pressing the FF Button multiple times you can adjust the speed from x2, x4, x8, x16 and x32.
To resume normal playback press the PLAY button.

▪ (Rewind)
When playing a file you can search back through the program by pressing the RWD Button.
By pressing the RWD Button multiple times you can adjust the speed from x2, x4, x8, x16 and x32. To resume normal playback press the PLAY button.

▪ **Slow Motion**(1/2x, 1/4x)
While playing back a file you can select slow motion. By pressing the Button multiple times you can adjust the speed to slow motion 1/2 or 1/4 speeds.
To resume normal playback press the button again.

6.8 DVR

▪ Skip FWD & BCK

You can skip forwards or backwards through a file by pressing the SKIP FWD & SKIP BCK buttons. The default skip time is 30 seconds.

You can adjust the amount of skip time from 30secs, 1Min, 2Min, 3Min, 5Min, 10Min, 20Min and 30Min.

To set the desired skip time press **Menu**, select External Device using the arrow keys and then select Disk Manager by pressing the **OK** button.

Highlight Skip Time. Using the and arrow buttons select the desired Skip Time.

To store this setting press the **Exit** button and select Yes using the **OK** button.

❺ Deleting Recorded TV programs:

▪ To delete a recorded TV program press the button, when the list of recorded files is displayed select the file you wish to delete by pressing the or arrow buttons.

▪ Press the **MENU** button and Select the Delete to enter delete mode. Now press the **OK** button and a "X" will be placed next to the file you have selected to delete.
(You can select more than one program at a time to delete)

▪ Press the **BLUE** button to delete the file.
you can see that selected file has been deleted

6. Operation

6.8 DVR

❻ Lock Recorded TV programs

▪ To protect a recorded program from accidental deletion or to restrict the viewing of recorded programs to specific audience, programs can be locked.

▪ To Lock a program press the button to display the recorded programs Press menu button and select the lock to enter lock mode.
this will put the receiver into File Lock Mode.
(To set your own personal PIN number for the receiver please refer to the Security Settings)
* the default PIN is "0000"

▪ Select the recorded program you wish to lock use the arrow buttons and press the **OK** button.
A padlock will appear next to the selected file. This file is now locked.

▪ To return to normal mode either press the button **Exit** or the **RED** button.

▪ Once a recorded file has been locked you will be required to enter the PIN number to view or delete this program.

❼ Rename Recorded TV programs

▪ Recorded programs can be renamed once recording is complete
▪ To Rename programs press the button to display the recorded programs
▪ Select the recorded program you wish to rename by using the arrow keys and press the menu button, and then select Rename.
▪ The file name will be highlighted. Now press the **OK** button to bring up a virtual key board.
▪ Using the arrow keys select the desired letters to make up the new file name and press the **OK** button
▪ Once you have completed the new file name press the **Exit** button.
You wil be prompted to save the changes, select Yes and press **OK** to save.

6.8 DVR

❽ Bookmarking Recorded Programs

▪ The Grand Triple will set auto bookmarks to each recorded program. Once a recorded program has been viewed, a bookmark will be set at the position playback was stopped. If the recorded program is watched in full a bookmark position will not be set. If selected to be viewed again playback will begin at the beginning of the program.

▪ When the program is re selected for External Device the last viewed position.

▪ You can also set manual bookmarks during playback of recordings

▪ During playback press the **RED** button, a red triangle will appear on the playback progress bar indicating the bookmarked position. You can set multiple bookmarks in a program.(Maximum 20)

▪ Press the **GREEN** button and the current position will jump to the first bookmarked position and commence playback from this point.

▪ Press the **YELLOW** button and the current position will jump to the next bookmarked position and commence playback from this point.

▪ To delete the bookmarks press the **RED** button again and the red triangle will be removed. This needs to be performed for each bookmark

❾ Editing Recorded Programs

▣ File Cut Feature

▪ The Grand Triple allows you to cut sections out of recorded programs.

▪ While playing back a recorded program press the *i* button twice. A menu will appear at the bottom of the screen.

▪ Press the **Blue** key will place the unit into the File Edit mode.

▪ Pressing **OK** will input the start position of the file to be cut or copied.

▪ A small window will be displayed in the top left hand corner showing the time and frame of when the cut was started. You can now fast forward or skip to the desired position you wish cut or copy.

▪ Press the **OK** button to mark the end of the section to be cut or copied. You will then be asked whether you wish to Cut or Copy.

▪ By selecting Cut the selected portion will be deleted. Selecting Copy, copies this portion into a separate file in the File List.

▪ This file will be listed by the same name as the original file but will have E and digit in front of the name (e.g. E2-ONE HD)

6. Operation

6.8 DVR

10) Time Shift (Pause & Rewind Live TV)

▪ Timeshift allows you to Pause and Rewind Live TV. Timeshift can be set to Automatic or manual and can be activated as required.

▪ To set TimeShift to Automatic press **Menu** and select External Device, then select Disk Manager using the arrow buttons. Here you can set the AutoTimeshift function to ON or OFF.

▪ With Auto Timeshift set to ON your DVR will allow you to Pause or Rewind the current channel you have been viewing for a pre determined time. The default Timeshift time is 60 minutes.
You can adjust this time in the same Disk Manager menu under Timeshift Record Time.
The options are 1min, 5min, 10min, 30min, 60min, 90min and 120min.

▪ To activate Timeshift manually press the ⏸ button on the remote control.

▪ This will pause the currently viewed program and allow you to resume watching from this point by pressing the ▶ button.

▪ Your DVR will record the program to a buffer for the default time you have set in the menu.

▪ Please note that if you have Auto Timeshift on it will reset every time you change the channel.

6. Operation

6.9 Media

Playing Media Files On Your Grand Triple

▪ The Grand Triple is compatible with most PC type media files.

▪ These files can be played back on your receiver via the USB ports or SD Card Reader.

▪ To Playback media files, firstly connect the storage device where files are stored.

▪ Select "File manager" in External Device on menu. This will bring up the list of connected storage devices. Select the desired storage device by pressing the **OK** button.

▪ The list of files on the storage device will now be displayed on the screen. Select the file by pressing the CH+ or CH- arrow buttons and to play press the **OK** button. If the file is supported playback will begin. If the file is not supported you will be returned to the Media file list.

▪ To stop playback press the ■ button, this will bring you back to the list of files on your storage device.

▪ Please note as there are many variations of file types and various audio codecs within certain file types, all media files may not be supported.

6. Operation

6.10 PIP Function(Picture in Picture)

▪ PIP is the feature where one program (channel) is displayed on the main screen at the same time as another program (channel) is displayed in a smaller inset window.

▪ To activate the PIP function press the **PIP** button.

▪ **PIP** button is have to register as hot key in key setting menu before you use.

▪ This will bring a up Sub Channel List. From this list select the channel you wish to be displayed in the PIP window by pressing the **OK** button. If you don't have a PIP button, have to register hot key in key setting menu.

▪ To change the channel displayed in the PIP window press the **PIP** List button have to register hotkey same as PIP

▪ To decrease the size of the PIP window press the **PIP** button.

▪ To remove the PIP window (if window is at largest size) press the **PIP** button twice.

▪ To remove the PIP window (if window is at the reduced size) press the **PIP** key once.

▪ To switch between the main channel and the PIP channel press the **PIP** Swap button.

7. Troubleshooting

There may be various reasons for the abnormal operation of the unit. Therefore, if the unit does not work properly, check it according to the procedures shown in the table below:

Problem	Possible causes	Remedy
The LED light on the front panel does not light	The AC power cord is disconnected.	Connect the power cord properly into the power socket.
No Picture or sound	Wrong connection of the video/audio output to the TV input terminal. Wrong connection of the terrestrial cable. No signal or weak signal. Wrong setting of channel information in the MENU screen.	Connect the two terminals correctly with RCA or RF cable(s), HDMI cable(s). Connect the antenna cable correctly. Adjust the direction of the antenna. Check the cable connections. Type the setting values correctly.
Black-and-white screen or V-Hold	Your TV mode (PAL/NTSC) is different from the terrestrial broadcasting mode.	Use a TV of the same mode. Connect a NTSC/PAL converter between the receiver and the TV.
The remote controller is not working	Batteries are exhausted. Fluorescent light is interfering with the remote controller. Remote controller is incorrectly aimed.	Change the batteries. Switch off the light. Aim the remote control at the receiver.
Unit will not operate.	No Power or Switched off.	Check mains supply and ensure that the unit is witched on both at the mains and at the power switch on the rear of the receiver.

8. Specifications

System capabilities	Fully DVB compliant	
System resource	Processor	32bit processor (450MHz)
	DDR SDRAM	128Mbyte X 2
	FLASH	NOR 8Mbyte, NAND 256Mbyte
	EEPROM	256kbit
Video decoder	MPEG 2	MPEG-2, MPEG-4, H.264
	Data Rate	up to 15M bits/s
	Resolution	1920 X 1080P/i, 1280 X 720P, 720 X 576P/i
	Video format	PAL
	Aspec Ratio	4:3,16:9
Teletext	DVB compliant	
MPEG Audio	MPEG 1 layer I/II, MPEG 2 layer II, AC3 Dolby Digital	
	Type	Mono, Stereo, Joint Stereo
	Sampling rates	32, 44.1 and 48 KHz
Conditional Access Interface	Smart Card Reader	2Slot
	PCMCIA	2Slot
Serial data interface	Connector	9pin D-sub male, Max 115K bps
Remote control	Code	NEC-IR
	Operating condition	up to 7 Meter
SD card reader	Support SD spec	up to ver. 2.0(SDHC)
USB	USB Supply	DC 5V Max 500mA
Terrestrial ant input (option)	Antenna Supply	DC 5V Max 100mA
Power supply	Power consumption	70W
	Passive standby	1W(Compliance with MEPS)
	Supply voltage	100V ~ 250V
	Supply frequency	50Hz ~ 60Hz

8. Specifications

Rear Panel connectors	Video	1 X RCA cinch
	Audio L/R	2 X RCA cinch
	Component(Y/Pb/Pr)	3 X RCA cinch
	Video IN(Option)	1 X RCA cinch
	Audio IN(Option)	2 X RCA cinch
	Componet(Y/Cb/Cr) IN (option)	3 X RCA cinch
	Serial data	9pin D-sub
		IEC 169 - 24
		IEC 169 - 24
	Terrestrial (option)	IEC 169 - 2
	Terrestrial ant output (option)	IEC 169 - 2
	S/PDIF	Fiber Optic
	HDMI	Digital Video/Audio Output
	USB	USB A-type x 2
	LAN	RJ-45
	TV Scart	CVBS, RGB Video output
		Loop-through RGB output
		Audio Out
	VCR Scart	Video Output(CVBS)
		Video Input(CVBS, RGB)

Terrestrial(optional) System capabilities Tuner & Channel Decoder	Input Connector	IEC 169-2, Female
	Loop-through out	IEC 169-2, Male
	Frequency range	149~426 MHz, 434~858 MHz
	Input Impedance	75 Ohms Nominal
	Signal level	7,8 MHz(-78dBm~25dBm) switchable by software
	IF Bandwidth	7,8 MHz
	Waveform	OFDM(DVB-T, DVB-T2)
	Carrier Mode	DVB-T:2k, 8k / DVB-T2:1k, 2k, 4k, 8k, 16k, 32k
	Code Rate	DVB-T: 1/2, 2/3, 3/4, 5/6, 7/8
		DVB-T2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6
	Guard Interval	DVB-T: 1/4, 1/8, 1/16, 1/32
		DVB-T2:1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128

Power supply	Size (W x H x D)	430 x 58.5 x 247 (mm)
	Weight (Net)	3 Kg

8. Specifications

Disposal of Old Electrical & Electronic Equipment(Applicable in the European Union and other European Countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipnent.
By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropirate waste handling of this product. The recycling of materials will help to conserve natural resources.
For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.